Datasheet for ABIN190754

anti-IDE antibody (Internal Region)

1 Image

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Overview

Quantity:	100 µg
Target:	IDE
Binding Specificity:	Internal Region
Reactivity:	Mouse, Rat
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This IDE antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Ide (mouse)
Immunogen:	Peptide with sequence C-QQYNYDRDNIE, from the internal region of the protein sequence according to NP_112419.2.
Sequence:	QQYNYDRDNI E
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	IDE
Alternative Name:	Ide (IDE Products)
Background:	Ide, insulin-degrading enzyme, 1300012G03Rik, 4833415K22Rik, AA675336, AI507533, INSULYSIN, insulinase, insulysin
Gene ID:	15925, 25700
NCBI Accession:	NP_112419
Pathways:	SARS-CoV-2 Protein Interactome

Application Details

Application Notes:	Western Blot: Approx 110 kDa band observed in Mouse Brain and Rat Brain lysates (calculated MW of 118 kDa according to NP_112419.2). Recommended concentration: 1-3 µg/mL. An additional band of unknown identity was also consistently observed at 30 kDa. This Peptide ELISA: antibody detection limit dilution 1:16000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

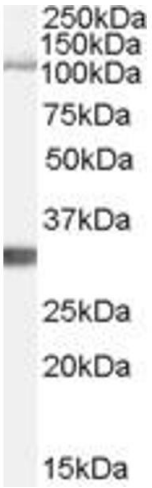

Image 1. ABIN190754 (1µg/ml) staining of Mouse Brain lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.